

**Claims**

1. A connector box (103) adapted to be at least partly embedded in a fibre-reinforced part of a wind turbine, where said connector box (103) comprises  
5 a base part (305) and at least one sealing part (304), consisting of a sealing bag, where said sealing bag seals off and protects at least one compartment (401) between the sealing bag and the base part (305) during manufacture of said fibre-reinforced part, and which sealing bag can be partly removed after manufacture making said compartment (401) accessible, and where  
10 said base part (305) is adapted to fasten the connector box (103) in the fibre-reinforced part by having a larger circumference near its bottom than near its top.
2. A connector box according to claim 1, wherein a first part of said compartment (604) is fixating one part of at least one element (104,105) and wherein another part of said element (104,105) is accessible from a second part of said compartment (605).  
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3. A connector box according to claim 1-2, wherein said first part of said compartment (604) is at least partly filled with a cured material (601) thereby fixating said part of said element (104,105).  
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4. A connector box according to one or more of the claims 1-3, wherein said sealing part (304) of said connector box (103) consists of a sealing bag.  
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5. A connector box according to one or more of the claims 1-4, wherein said element comprises a current conducting part (105) and a connector part (602), wherein said current conducting part (105) is at least partly fixated in said first part of said compartment (604), and wherein said connector part (602) is accessible from said second part of said compartment (605).  
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6. A connector box according to one or more of the claims 1-4, wherein said element comprises an optical fibre (104) and a connector part (602), wherein

said optical fibre (104) is at least partly fixated in said first part of said compartment (604), and wherein the connector part (602) is accessible from said second part of said compartment (605).

5     7. A connector box according to claim 6, where said connector part (602) is adapted for connection of light emitting means or light receiving means (107) to the optical fibre (104).

10    8. A connector box (103) according to one or more of the claims 1-7 made completely or partly of plastic.

9. A connector box according to one or more of the claims 1-8, where the at least one sealing part (304) is made of a resin-proof plastic.

15    10. A connector box according to one or more of the claims 1-9, where the base part (305) is made of a flexible material.

11. A blade for a wind turbine (101) characterized by comprising a connector box (103) according to one or more of the claims 1-10.

20    12. A blade according to claim 11, wherein said connector box (103) is at least partly embedded in a part of a blade shell (102) so that the connector box (103) is accessible after manufacture.